|   | Index of Claims                       |          |              |                |          |           |           |           |           |            |           |  |       | Application No. |           |                    |                     |              |              |           |           |          |          | pli            | can        |                 |          |           |        |          |          |                 |          |   |   |
|---|---------------------------------------|----------|--------------|----------------|----------|-----------|-----------|-----------|-----------|------------|-----------|--|-------|-----------------|-----------|--------------------|---------------------|--------------|--------------|-----------|-----------|----------|----------|----------------|------------|-----------------|----------|-----------|--------|----------|----------|-----------------|----------|---|---|
|   |                                       |          | ##           | lui            | C.A.     | U         |           | /Iα       | "         | 13         |           |  | •     |                 |           |                    |                     | 10/124,809   |              |           |           |          |          |                |            |                 |          | 13        | '<br>ے |          |          |                 |          |   |   |
|   |                                       |          |              |                |          |           |           |           |           |            |           |  | •     |                 |           | ŀ                  |                     | Examiner     |              |           |           |          |          |                |            |                 | Art Unit |           |        |          |          |                 |          |   |   |
|   |                                       |          |              |                |          |           |           |           |           |            |           |  |       |                 |           |                    |                     |              |              |           |           | ٠        |          |                |            |                 |          |           |        |          |          |                 |          |   |   |
|   |                                       |          |              |                |          |           |           |           |           |            |           |  |       |                 |           | $oldsymbol{\perp}$ | Louis J. Casaregola |              |              |           |           |          |          |                |            |                 | 37       | 46        |        |          |          | $\perp$         |          |   |   |
|   |                                       |          | _            |                |          |           | _,        |           | Г         |            |           |  |       |                 |           | _                  |                     | _            | г            | - 1       |           |          |          |                | 1          |                 |          |           |        |          |          | 1               |          |   |   |
| • | √ Rejected – (Through numer Cancelled |          |              |                |          |           |           |           | er        | al)        |           |  | N     | Non-Elected     |           |                    | ted                 | <b>1</b>     | ا ؞ ا        |           | Αŗ        | pe       | al       |                |            |                 |          |           |        |          |          |                 |          |   |   |
|   |                                       |          | _            |                |          |           |           |           | -         | 4          |           |  |       | ance            | illec     | <u> </u>           |                     | 4            | -            | 14        |           | <u></u>  |          |                | 1          |                 |          |           |        |          |          |                 |          |   |   |
|   |                                       |          | =            | Allowed        |          |           |           | +         |           | Restricted |           |  |       |                 |           | Interferen         |                     | 100          |              |           | Objected  |          |          |                |            |                 |          |           |        |          |          |                 |          |   |   |
|   |                                       |          |              |                |          |           |           | L         | Ш         |            |           |  |       |                 |           |                    |                     | J. L         | Ц            |           |           |          |          | لب             | L          |                 |          |           |        |          |          |                 |          |   |   |
|   | Cla                                   | im       |              | Date           |          |           |           |           |           |            | Claim     |  |       | <u> </u>        | C         |                    | ate                 | )            |              |           |           | C        | alm      | Τ-             | Date       |                 |          |           |        | 1 .      |          |                 |          |   |   |
|   |                                       |          | 3            | 7              |          |           |           |           |           |            |           |  |       | T               |           |                    | П                   | T            | T            |           | T         | T        | 7        |                |            |                 | П        | П         | Т      | П        | Π        |                 |          | l |   |
|   | Final                                 | Original | 28           | 9              |          |           |           |           |           |            |           |  | Final | Original        |           |                    | -                   |              | -            |           |           |          |          | Final          | Original   | $  \  $         | -        | 1         | ı      |          |          |                 |          |   |   |
|   | -                                     | Ō 1      | 01           | 09             |          |           |           |           |           |            |           |  | •     | ō               |           | 1                  | .                   |              | 1            |           |           |          |          | "              | ō          | Ш               |          |           |        |          |          |                 |          |   |   |
|   |                                       | (1)      | V            |                | $\Box$   | $\Box$    |           | $\exists$ | $\Box$    | $\Box$     | _         |  |       | 51              |           |                    | $\Box$              |              |              | 4         | $\Box$    |          | ]        |                | 101        |                 |          | $\Box$    | T      |          |          |                 |          |   |   |
|   | $\vdash$                              | क् कि    | V            | $\dashv$       | $\dashv$ | +         | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$   |           |  | _     | 52<br>53        | ┼┤        |                    |                     | $\dashv$     | +            |           | $\dashv$  | +        | -        |                | 102        | $\vdash$        | 7        | +         | ╬      | ╀        | $\vdash$ | Н               | _        |   |   |
|   |                                       | +        | Q            |                |          |           |           |           |           |            |           |  |       | 54              |           |                    |                     |              |              |           |           |          |          |                | 104        | $\Box$          | $\dashv$ | $\perp$   | +      | T        |          |                 |          |   |   |
|   | 2                                     | 5        | Ø            | 4              | _        |           | _         | 4         | $\Box$    | 4          |           |  |       | 55              | $\Box$    |                    | $\Box$              | $\Box$       | $\Box$       |           |           | $\Box$   |          |                | 105        |                 | $\Box$   |           |        |          |          |                 |          |   |   |
|   | 3                                     | 7        | <u>V</u>     | +              | -        | $\dashv$  | $\dashv$  | $\dashv$  | +         | $\dashv$   | -         |  |       | 56<br>57        | -         | $\dashv$           | $\dashv$            | $\dashv$     | $\dashv$     | $\dashv$  | +         | +        | -        |                | 106<br>107 | -               | +        | +         | ╁      | ╁        | Н        | $\vdash$        |          |   |   |
|   | 4                                     | 8        | I            | i              | 1        | $\exists$ |           |           |           |            |           |  |       | 58              |           |                    |                     | 士            | 士            |           |           |          | _        |                | 108        |                 | 士        | 上         |        |          |          |                 |          | l |   |
|   | 61                                    | 9        | $\bot$       | <b>y</b>       | _        | _         | 4         | $\Box$    |           |            |           |  |       | 59              |           | _                  | _                   | _            | _            | _         | $\perp$   | $\perp$  | 4        |                | 109        |                 | _        | 4-        |        | L        |          |                 |          | · |   |
|   |                                       | ‡<br>‡   | +            |                | $\dashv$ | $\dashv$  | +         | +         | ᅱ         | $\dashv$   |           |  |       | 60<br>61        | Н         | $\dashv$           | $\dashv$            | $\dashv$     | +            | $\dashv$  | +         | +        | -        | }              | 110<br>111 | -               | -+       |           | +      | +        | H        | Н               | -        |   |   |
|   |                                       | -12-     |              |                |          |           |           |           |           |            |           |  |       | 62              |           |                    |                     | T            |              |           |           |          |          |                | 112        |                 |          | 土         |        |          |          |                 |          |   |   |
|   | 78                                    | 13<br>14 | Н            | 4              | $\dashv$ | -         | $\dashv$  | 4         | -         | 4          |           |  |       | 63<br>64        | $\vdash$  | -                  | $\dashv$            | 4            | -            | -         | -         | - -      | 4        | <u> </u>       | 113<br>114 | Н               | -        | +         | -      | ┼        | -        | -               | $\Box$   |   |   |
|   | 9 10                                  | 15       | +            | +              | 7        | +         | $\dashv$  | 7         | +         | $\dashv$   |           |  |       | 65              | ╁╾╁       | -                  |                     | +            | 十            | $\dashv$  | +         | +        | -        | _              | 115        | H               |          | ╁         | +      | +-       | ╁╌       |                 | ·        |   |   |
|   |                                       | 16       | $\Box$       | $\blacksquare$ |          |           |           |           | $\Box$    | $\Box$     |           |  |       | 66              |           |                    | $\Box$              |              |              |           |           |          |          |                | 116        |                 | 二        | 上         | 1      |          |          |                 |          |   | • |
|   | 11 12                                 | 17<br>18 | $\mathbb{H}$ | +              | -        | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$   | -         |  |       | 67<br>68        | ┼╌┨       | -                  | $\dashv$            | +            | +            | -         | +         | +        | -        | <del> </del> — | 117<br>118 | $\vdash$        | $\dashv$ | +         | +      | ╀        | $\vdash$ | Н               | $\dashv$ |   |   |
|   | 13                                    | 19       | ¥.           | V              |          |           |           |           | 1         | -          |           |  |       | 69              |           |                    | $\exists$           | 士            | 1            | $\exists$ | $\perp$   |          | 1        |                | 119        |                 | 士        | 士         | T      |          |          |                 |          |   |   |
|   | 14                                    | 20       | L            | 1              |          | _         | _         | _         | _         | $\dashv$   |           |  |       | 70<br>71        |           | $\dashv$           | 4                   | 4            |              |           |           | 4        | -        |                | 120        |                 | 4        |           | - -    | L        |          | Н               |          |   |   |
|   |                                       | 21<br>22 | -            | -              | $\dashv$ | -         | +         | $\dashv$  | $\dashv$  | $\dashv$   | -         |  |       | 72              | Н         | -                  | $\dashv$            | ┽            | $\dashv$     | -         | +         | +-       | -        |                | 121<br>122 | Н               | +        | +         | +      | ╀        | H        | Н               |          |   |   |
|   |                                       | 23       |              |                | 口        | $\Box$    | $\Box$    | $\Box$    |           | $\Box$     |           |  |       | 73              | П         |                    |                     | $\Box$       |              |           |           |          |          |                | 123        |                 |          |           |        |          |          |                 |          |   |   |
|   | <b>  </b>                             | 24<br>25 | $\dashv$     | $\dashv$       | $\dashv$ |           | $\dashv$  | -         | $\dashv$  | +          | -         |  |       | 74<br>75        | ┦         | $\dashv$           | -+                  | +            | +            | $\dashv$  | +         |          | -        |                | 124<br>125 | $\square$       | +        | +         | +      | ╀        | Н        | H               | 4        |   |   |
|   |                                       | 26       | $\neg$       | 7              | 十        | 十         | +         | 7         | $\dashv$  | ヿ          | -         |  |       | 76              | Н         | 7                  | $\dashv$            | $^{\dagger}$ | $\dashv$     | $\dashv$  | $\dashv$  | +        | 1        |                | 126        |                 | $\dashv$ | +         | +      | t        | Н        | Н               |          |   |   |
|   |                                       | 27       |              | $\Box$         | $\Box$   | $\Box$    | $\Box$    | $\Box$    |           | $\Box$     |           |  |       | 77              |           |                    | $\Box$              | $\Box$       | $\Box$       |           | $\Box$    |          | ]        |                | 127        |                 |          | $\perp$   | 工      |          |          |                 |          |   |   |
|   | $\vdash$                              | 28<br>29 | $\dashv$     | $\dashv$       | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$   | _         |  |       | 78<br>79        | ╢         | 4                  |                     | +            | +            | 4         | $\dashv$  | +        | -        |                | 128<br>129 | Н               | $\dashv$ | +         | ╀      | ⊬        | Н        | Н               | $\dashv$ |   |   |
|   |                                       | 30       |              |                |          |           | 士         | 士         |           |            |           |  |       | 80              |           | ╛                  |                     | 士            | $\exists$    | 1         | $\exists$ | 1        | <b>_</b> |                | 130        |                 |          |           |        |          |          |                 |          |   |   |
|   |                                       | 31       |              | _              | 4        | 4         | 4         | 4         | 4         | 4          |           |  |       | 81              |           | $\dashv$           | _                   | _            | 4            | 4         | 4         |          | ]        |                | 131        |                 |          |           | _      | L        |          |                 |          |   |   |
|   | $\vdash$                              | 32<br>33 | -            | -              | +        | -         | ┥         | $\dashv$  | $\dashv$  | +          | -         |  |       | 82<br>83        | Н         | $\dashv$           | $\dashv$            | ╅            | $\dashv$     | $\dashv$  | +         | ┿        | -        |                | 132<br>133 |                 | +        | - -       | ╁      | ╁        | Н        | Н               | $\dashv$ |   |   |
|   |                                       | 34       |              |                |          |           |           |           |           | ᅼ          |           |  |       | 84              |           |                    |                     |              | 士            | $\perp$   | 士         | 土        |          |                | 134        |                 |          |           | 士      |          |          |                 |          |   |   |
|   | $\vdash$                              | 35       | _            | 4              | 4        | 4         | 4         | +         | 4         | 4          | 4         |  |       | 85<br>86        | Н         | _                  | 4                   | 1            | 1            | 4         | 4         | $\perp$  | 4        |                | 135<br>136 |                 | 4        | _         | 1      | 1        |          | $\Box$          |          |   |   |
|   | -                                     | 36<br>37 | 7            | $\dashv$       | 7        | $\dashv$  | _         | +         | 7         | ┪          | $\dashv$  |  |       | 87              | H         | $\dashv$           | $\dashv$            | +            | +            | $\dashv$  | +         | _        | -        |                | 137        | H               | +        | +         | ╁      | ╁        | $\vdash$ | H               | $\dashv$ |   |   |
|   |                                       | 38       |              | $\Box$         | $\Box$   | $\Box$    |           | $\exists$ | $\Box$    |            |           |  |       | 88              |           | $\Box$             | $\Box$              |              | #            | $\Box$    | 二         |          | ]        |                | 138        |                 |          |           |        |          |          |                 |          |   |   |
|   | $\vdash$                              | 39<br>40 | $\dashv$     | $\dashv$       | $\dashv$ | 4         | $\dashv$  | +         | 4         | 4          | 4         |  |       | 89<br>90        | $\vdash$  |                    | -+                  |              | +            | -         | -         | - -      | -        |                | 139<br>140 | $\dashv$        | -        |           | +-     | -        | $\vdash$ |                 |          |   |   |
|   | $\Box$                                | 41       | $\dashv$     | _              | +        | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$   | $\dashv$  |  |       | 91              | H         | +                  | +                   | +            | +            | +         | ╁         | $\dashv$ | 1        |                | 141        | H               | $\dashv$ | +         | ╁      | +        | ┥        | $\dashv$        | 닉        |   |   |
|   |                                       | 42       | 耳            | $\Box$         | $\Box$   | $\Box$    | $\dashv$  | 1         | 1         | $\dashv$   |           |  |       | 92              | $\square$ | $\exists$          | $\rightrightarrows$ | $\downarrow$ | ightharpoons | 二         | $\Box$    |          | ]        |                | 142        |                 | 1        | #         | 1      |          | П        |                 | $\Box$   |   |   |
|   |                                       | 43       | $\dashv$     | $\dashv$       | $\dashv$ | +         | $\dashv$  | +         | +         | $\dashv$   | $\dashv$  |  |       | 93<br>94        |           | $\dashv$           | +                   | +            | +            | +         | +         | - -      | -        |                | 143<br>144 | $\vdash \vdash$ |          | +         | +      | -        | $\vdash$ | $\vdash \vdash$ | $\dashv$ |   |   |
|   | $\cdot$                               | 45       |              | _              | 士        | 士         | $\exists$ | _         | +         | $\dashv$   | $\exists$ |  |       | 95              |           | 1                  | 士                   | $\perp$      | 士            | 寸         | +         |          | 1        |                | 145        |                 | $\top$   | $\dagger$ | T      |          |          | _               | ㅓ        |   |   |
|   |                                       | 46       | $\Box$       | $\Box$         | 1        | $\exists$ | 1         | 7         | $\exists$ | 7          | $\Box$    |  |       | 96              | П         | 7                  | $\blacksquare$      | T            | 7            | T         | Ţ         | I        | ]        |                | 146        | $\Box$          | $\bot$   | T         | T      | E        | П        |                 | $\Box$   |   |   |
|   |                                       | 47<br>48 | $\dashv$     | $\dashv$       | $\dashv$ | +         | +         | +         | +         | +          | $\dashv$  |  |       | 97<br>98        | $\vdash$  | +                  | +                   | +            | +            | +         | +         | +        | -        |                | 147<br>148 | $\vdash$        | +        | +         | +      | $\vdash$ | Н        | $\dashv$        | $\dashv$ |   |   |
|   |                                       | 49       |              | 士              |          | $\perp$   |           |           | 1         |            |           |  |       | 99              |           |                    |                     | 士            |              | $\top$    | 土         |          | ]        |                | 149        |                 |          |           | 上      |          |          |                 |          |   |   |